

Table 1 – Quality Criteria - Plants Suitability

RESOURCE CONCERN DEFINITIONS	QUALITY CRITERIA	ASSESSMENT TOOL	PRACTICES THAT MAY PROVIDE POSITIVE ENVIRONMENTAL EFFECTS*
<u>Adaptability</u> : Plants are not well adapted to the site.	Selected plants are adapted to the soil and climate conditions or the site is modified to make it suitable for the desired plants.	PLANTS database Forage Suitability Groups Seeding Calculator Visual Observation	Conservation Cover 327 Conservation Crop Rotation 328 Filter Strip 393 Pasture and Hayland Planting 512 Pest Management 595 Riparian Forest Buffer 391 Stripcropping, Wind 589 Tree/Shrub Establishment 612 Windbreak Renovation 650 Windbreak/Shelterbelt Establishment 380
<u>Plants are unsuitable</u> : Plants do not meet the objectives of the land user or are not suitable for the intended purpose.	Selected plants are suitable for the intended use and meet the objectives of the land user.	PLANTS database Forage Suitability Groups Seeding Calculator Technical Note 19 – Stand Evaluation Visual Observation	Brush Management 314 Conservation Cover 327 Critical Area Planting 342 Filter Strip 393 Pest Management 595 Riparian Forest Buffer 391 Stripcropping, Wind 589 Tree/Shrub Establishment 612 Windbreak Renovation 650 Windbreak/Shelterbelt Establishment 380

*Combination of practices which will likely meet quality criteria may be found in the FOTG, Section V.

Table 1 – Quality Criteria - Plants Condition

RESOURCE CONCERN DEFINITIONS	QUALITY CRITERIA	ASSESSMENT TOOL	PRACTICES THAT MAY PROVIDE POSITIVE ENVIRONMENTAL EFFECTS*
<u>Health and vigor:</u> Plant shows poor growth cycle in order to grow and reproduce.	Plant health and vigor is sufficient to meet the needs of the CMS and the objectives of the land user.	PLANTS database Forage Suitability Groups Seeding Calculator Pasture Calculator Visual Observation	Conservation Cover 327 Conservation Crop Rotation 328 Cover and Green Manure Crop 340 Early Successional Habitat Development/Management 647 Forage Harvest Management 511 Nutrient Management 590 Pasture and Hayland Planting 512 Pest Management 595 Prescribed Grazing 528A Prescribed Burning 338 Residue Management, No-Till and Strip Till 329A Residue Management, Mulch Till 329B Residue and Management, Ridge till 329C Riparian Forest Buffer 391 Tree/Shrub Establishment 612 Windbreak Renovation 650 Windbreak/Shelterbelt Establishment 380
<u>Productivity:</u> Plants do not provide the desired quality or quantity of crops, foliage, or cover.	Cropland, hayland, pastureland and forestland - production equals or exceeds 75% of the yield potential for the soil map unit based on FOTG, Section II, or if less, meets the objectives of the land user and protects the resource base. Wildlife, recreation, and other land – Adapted or native plants are in sufficient quantity and quality to improve or protect the resource.	PLANTS database Forage Suitability Groups Seeding Calculator Technical Note 19 – Stand Evaluation Visual Observation	Conservation Cover 327 Conservation Crop Rotation 328 Cover and Green Manure Crop 340 Early Successional Habitat Development/Management 647 Forage Harvest Management 511 Nutrient Management 590 Pasture and Hayland Planting 512 Pest Management 595 Prescribed Grazing 528A Prescribed Burning 338 Residue Management, No-Till and Strip Till 329A Residue Management, Mulch Till 329B Residue and Management, Ridge till 329C Riparian Forest Buffer 391 Tree/Shrub Establishment 612 Windbreak Renovation 650 Windbreak/Shelterbelt Establishment 380

*Combination of practices which will likely meet quality criteria may be found in the FOTG, Section V.

Table 1 – Quality Criteria - Plants Management

RESOURCE CONCERN DEFINITIONS	QUALITY CRITERIA	ASSESSMENT TOOL	PRACTICES THAT MAY PROVIDE POSITIVE ENVIRONMENTAL EFFECTS*
<u>Establishment, growth, and harvest:</u> Management does not provide the proper techniques and timing to meet the plant needs for establishment, growth and harvest.	Management techniques are implemented to meet the plant needs for establishment, growth, and harvest.	PLANTS database Forage Suitability Groups Seeding Calculator Pasture Calculator	Brush Management 314 Conservation Cover 327 Conservation Crop Rotation 328 Early Successional Habitat Development/Management 647 Nutrient Management 590 Pasture and Hayland Planting 512 Pest Management 595 Prescribed Grazing 528A Prescribed Burning 338 Riparian Forest Buffer 391 Tree/Shrub Establishment 612 Windbreak Renovation 650 Windbreak/Shelterbelt Establishment 380 Woodland Direct Seeding 652 Woodland Improved Harvesting 654 Woodland Improvement 666
<u>Nutrient Management:</u> Plant nutrients are not available to meet plant growth needs.	The appropriate amounts of plant nutrients are available to meet the needs of the plants for the planned CMS without adverse effects on other resources.	Forage Suitability Groups Technical Note 19 – Stand Evaluation	Cover and Green Manure Crop 340 Nutrient Management 590 Waste Utilization 633
<u>Pests:</u> Pests are not managed to meet the needs of the plant or the land user's objectives.	Best management techniques are used to control plant pests in a manner that meets the needs of the planned CMS without having adverse effects on other resources.	WIN-PST Visual Observation	Brush Management 314 Conservation Crop rotation 328 Pest Management 595 Prescribed Burning 338 Prescribed Grazing 528A

*Combination of practices which will likely meet quality criteria may be found in the FOTG, Section V.